## Implicit Bias Training for Maternity Care Clinicians: Investigating Tools to Reduce Health Disparities JOHNS HOPKINS Jessica Lenderts, MN, RN, Nicole Warren, PhD, MPH, CNM, RN, Rowena Milburn, DNP, RN SCHOOL of NURSING

20 (52.6)

10 (26.3)

4 (10.5)

I (2.6)

BSN (or equivalent)

Masters

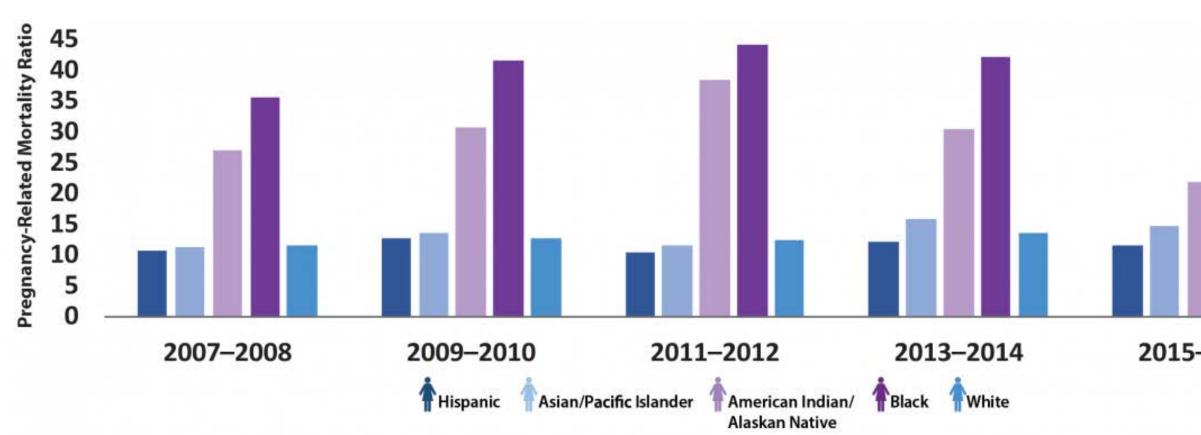
Doctorate

BSN with I or more certifications

Johns Hopkins University, School of Nursing, Baltimore, MD & Sibley Memorial Hospital, Washington, D.C.

## Maternal Health Disparities & Methods Implicit Bias Design • Pre-post educational intervention design • The U.S. has high levels of maternal morbidity and mortality relative to its peer Intervention • I hour, online, self-guided implicit bias training • There are also significant and ongoing racial disparities in maternal health outcomes • "Breaking Through Bias in Maternity Care", developed by March of Dimes • Surveys completed pre-training, post-training, and 6 weeks later • Answers confidential, de-identified • Causal factors not well understood – not explained by differences in income, education, • Measurement • Impacts measured using the Bias in Maternal Health Care with Attitudes Sub-Scale and Practice Sub-Scale • Acceptability measured using QES questionnaire 30 **EARNING OUTCOMES** 10 5 **EXPLAIN** DESCRIBE USE **IMPLICIT BIAS** STRATEGIES **STRUCTURAL RACISM** 2007-2008 2009-2010 2011-2012 2013-2014 2015-2016 Describe how structural racism Explain implicit bias, including its Use ALLY Model strategies in THispanic Asian/Pacific Islander American Indian/ cognitive basis and potential the U.S. contributes to implici patient interactions to avoid impact on maternal care. bias in maternal care implicit bias. Training Learning Outcomes, March of Dimes Pregnancy-Related Mortality Ratios, Centers for Disease Control & Prevention **Sample Characteristics** • Increasing calls for implicit bias training to be implemented in maternity care National Partnership for Maternal Safety, AWHONN, Black Maternal Momnibus Act of Mid-sized hospital in Washington, D.C • There is limited evidence on effectiveness of implicit training generally, and almost no Nurses working in Labor & Delivery, Postpartum, and Special Care Nursery units • Nurses with direct patient care roles; excluded leadership and administrators • Some evidence that training can be effective for increasing awareness about implicit bias (N = 40) **Demographic characteristics** Gender identity, n (%) 0 (0.0) Male • However, many clinicians indicate concern about health disparities and say they want 40 (100.0) Female Non-binary/Third gender 0 (0.0) 0 (0.0) Other not listed Racial identity, n (%) 13 (32.5) White 8 (20.0) Black 18 (45.0) Asian **Project Aims** 0 (0.0) Hispanic, Latino or Spanish Origin I (2.5) Multiracial **Primary unit** Labor and Delivery 12 (30.0) 14 (35.0) Postpartum 14 (35.0) Special Care Nursery Nurses' attitudes about bias and the impacts of bias on patient care Years of experience 19 (47.5) More than 15 years • Nurses' **self-efficacy** for actions that could mitigate implicit bias 10 – 15 years 8 (20.0) 10 (25.0) • Nurses use of practices to mitigate bias, including specific strategies and 5 – 10 years 3 – 5 years 3 (7.5) behaviors 0 (0.0) I - 3 years Credentials

- countries
- Increasing calls for implicit bias training to be implemented in maternity care
- Burden of poor outcomes falls disproportionately on Black women
- or access



- 2021; legislation in CA, MD, MI
- evidence for maternity care
- and concern about discrimination
- Unclear how training impacts behavior change or patient outcomes
- more tools to combat bias and discrimination

- Determine the impact of implicit bias training on:

- Understand nurse perspectives on the **acceptability** of implicit bias training

